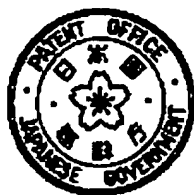


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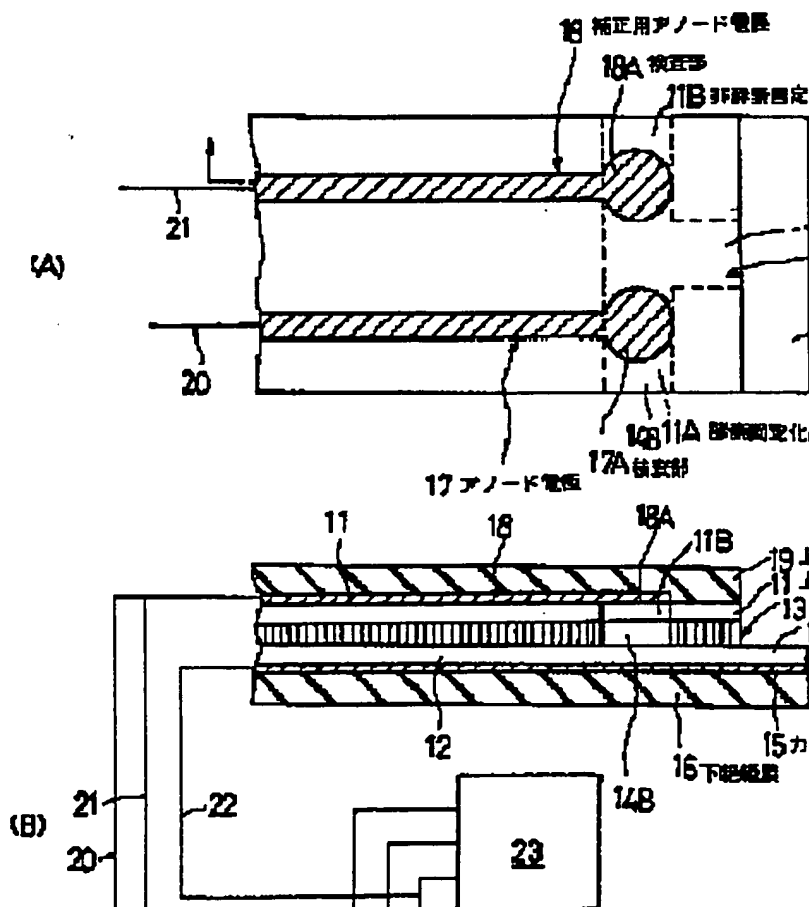
(54) BIOSENSOR

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a biosensor which can accurately measure the matrix concentration of a sample solution even when an interfering substance exists in the solution.

SOLUTION: A biosensor is constituted by counterpoising a cathode 15 to an anode 17 and a compensation anode 18 with continuously formed upper and lower porous films 11 and 12 in between and forming an enzyme-immobilized layer 11A in the porous layer 11. Therefore, the biosensor can measure the matrix concentration of a sample solution containing an interfering substance at a high concentration, because the electrolytic oxidation liquid of a reducible substance can be filtered off by taking the difference in current response between the electrodes 17 and 18.

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